

WHAT IS CLAIMED IS:

1. A digital broadcast receiving apparatus comprising:  
5 a tuner for receiving a coded digital broadcast signal;  
a decoding unit for decoding and outputting the received digital broadcast signal; and  
an extraction unit for extracting service information of each of plural channels from the decoded digital broadcast  
10 signal.
2. The digital broadcast receiving apparatus according to claim 1, further comprising:  
a memory for storing the extracted service information  
15 thereinto.
3. The digital broadcast receiving apparatus according to claim 1, wherein:  
the service information is a plurality pieces of service  
20 information;  
each of channels contains a plurality of services; and  
the plurality pieces of service information relate to the services, respectively.

- 25 4. The digital broadcast receiving apparatus

according to claim 2, wherein:

the tuner scans carrier frequencies of the digital broadcast signal to receive one carrier frequency;

after the memory stores the service information, the tuner  
5 scans the carrier frequency to receive another carrier frequency.

5. The digital broadcast receiving apparatus according to claim 2, further comprising:

10 a broadcast selection unit for selecting one from a group consisting of a television broadcasting, a radio broadcasting, and a data broadcasting; and

a first storage unit for storing the service information of the selected one into the memory.

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6. The digital broadcast receiving apparatus according to claim 2, further comprising:

a storage selection unit for selecting as to whether or not to store temporal service information into the memory; and

20 a second storage unit, which stores the temporal service information into the memory when the storage selection unit selects to store the temporal service information into the memory.

25 7. The digital broadcast receiving apparatus

according to claim 6, wherein the temporal service information is at least one pieces of temporal service information, the digital broadcast receiving apparatus further comprising:

a detection unit for detecting as to whether or not each  
5 of temporal service information is received; and

a deletion unit, which deletes one temporal service information stored in the memory when the detection unit detects that the one temporal service information is not received.

10 8. The digital broadcast receiving apparatus according to claim 2, further comprising:

a service selection unit for selecting one of the service information stored in the memory;

a control unit for controlling at least one of the tuner  
15 and the decoding unit to output the selected one service information, in response to an output of the service selection unit.

9. A method for receiving a digital broadcast, the  
20 method comprising:

receiving a coded digital broadcast signal;

decoding and outputting the received digital broadcast signal; and

extracting service information of each of plural channels  
25 from the decoded digital broadcast signal.